

EXHIBIT 11

<p>1 A That is true, the playback on the sender 1:50PM 2 device won't continue.</p> <p>3 Q And that applies for each of the YouTube 1:50PM 4 apps; right?</p> <p>5 A Yes, as far as I know. 1:50PM</p> <p>6 Q Has there been any plans by Google to 1:50PM 7 change that functionality?</p> <p>8 MR. KAPLAN: Object to scope, and just to 1:50PM 9 caution that if you've been given information by 10 counsel, that you should leave that out of your 1:50PM 11 answer.</p> <p>12 THE WITNESS: Yeah, I don't know.</p> <p>13 BY MR. BOYEA:</p> <p>14 Q You don't know whether Google has any 1:51PM 15 chance to use that functionality?</p> <p>16 MR. KAPLAN: Same objection.</p> <p>17 THE WITNESS: Besides -- so to change the 1:51PM 18 functionality, can you be more specific?</p> <p>19 BY MR. BOYEA:</p> <p>20 Q Do you know, does Google have any plans 1:51PM 21 where if the YouTube sender was playing back media 22 when the user casts a receiver, that the YouTube 23 sender would just continue playing back even once 24 that cast session has been established?</p> <p>25 MR. KAPLAN: Same caution, Vincent. 1:51PM</p>	<p>1 when the user decided to cast; right? 2:03PM 2 A Yes, that's a possible scenario.</p> <p>3 Q I want to talk about what the receiver 2:03PM 4 does once it receives that set playlist message and 5 specifically what it does with the video ID.</p> <p>6 So at a high level, does the receiver 7 store the video ID of the media item that was 8 playing at the sender when the cast session was 9 initiated?</p> <p>10 MR. KAPLAN: Objection to form. 2:03PM</p> <p>11 THE WITNESS: The receiver will have just 12 like a lot of variables. There's variables that 13 contain data including the messages that it 14 receives.</p> <p>15 BY MR. BOYEA: 2:04PM</p> <p>16 Q Specifically the video ID itself, will the 17 receiver store that video ID in a variable 18 somewhere?</p> <p>19 A Yes, the receiver has code -- again, has 20 many variables containing various data including the 2:04PM 21 video ID of what it's playing.</p> <p>22 Q Where specifically does the receiver store 23 the video ID of what it's supposed to be playing in 24 the source code? Can you identify for me at a 25 source code function level where it's stored? 2:04PM</p>
<p>Page 134</p> <p>1 THE WITNESS: I just know that doesn't 1:51PM 2 happen today.</p> <p>3 BY MR. BOYEA:</p> <p>4 Q Yes. I understand that. I'm asking:</p> <p>5 Does Google have any plans to make that change? 1:51PM</p> <p>6 MR. KAPLAN: Object to scope and same 1:52PM 7 caution.</p> <p>8 THE WITNESS: Yeah, I can't answer for 9 Google.</p> <p>10 MR. BOYEA: All right. I think we've been 1:52PM 11 going for a little bit over an hour. Let's take a 12 five-minute break.</p> <p>13 THE VIDEOGRAPHER: Off the record, 14 1:52 p.m.</p> <p>15 (Recess taken.) 1:52PM</p> <p>16 THE VIDEOGRAPHER: We're back on the 17 record. The time was 2:02 p.m. Pacific time.</p> <p>18 BY MR. BOYEA:</p> <p>19 Q Mr. Mo, where we left off, we had been 20 talking about the MDx server sending the set 2:02PM 21 playlist message down to the receiver.</p> <p>22 Do you recall that?</p> <p>23 A Yes.</p> <p>24 Q The set playlist message will include a 25 video ID for the media that was currently playing 2:03PM</p>	<p>Page 136</p> <p>1 A Is there a specific context? The code can 2:05PM 2 be quite large and there can be variables storing 3 that.</p> <p>4 Q Sure. Let me give this a little more 2:05PM 5 context.</p> <p>6 So it's the case that the user would use 7 the video ID of the current song or video to 8 actually obtain the song or video for playback; 9 right?</p> <p>10 MR. KAPLAN: Object to form, vague. 2:05PM</p> <p>11 THE WITNESS: What do you mean by 12 "obtain"? Can you clarify that?</p> <p>13 BY MR. BOYEA:</p> <p>14 Q Do you have an understanding of what the 15 word "obtain" means? 2:05PM</p> <p>16 A I do, but it can be vague.</p> <p>17 Q In the context of the cast receiver 18 retrieving media, would the cast receiver use the 19 video ID to ultimately retrieve the underlying media 20 that it wants you to play back? 2:06PM</p> <p>21 MR. KAPLAN: Object to form.</p> <p>22 THE WITNESS: From the perspective of the 23 receiver, it gets the video ID and it passes that to 24 the YouTube player code. Then they will perform 25 other operations necessary to load the video. 2:06PM</p>

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<p>1 path in mind, I can help determine if that's the right 2:31PM 2 place.</p> <p>3 Q Would it make sense if handle message in 4 lounge adapter was the right function to be looking 5 at? 2:31PM</p> <p>6 A Can you provide a page number?</p> <p>7 Q So I believe we're going to be looking at 8 the one ending in 234.</p> <p>9 MR. BOYEA: And for the record, this is 10 the printout Bates labeled SC-GOOG-SONOSNDCA-000234 2:32PM 11 and this is a printout of the lounge adapter.TS 12 source file.</p> <p>13 THE WITNESS: Okay. I'm on that page.</p> <p>14 BY MR. BOYEA:</p> <p>15 Q You see the function handle message at the 2:32PM 16 905?</p> <p>17 A Yes.</p> <p>18 Q Does this function -- i see that there is 19 a case statement at 924 for set playlist.</p> <p>20 Do you see that, incoming message.set 2:32PM 21 playlist?</p> <p>22 A Yes, I do.</p> <p>23 Q Is this relevant to the question that I 24 asked you before about where the get player video ID 25 comes from? 2:33PM</p>	<p>1 subsequent API calls, so I was just looking for, you 2:35PM 2 know, clarification on your answer there.</p> <p>3 A Yes, for example, like this one in this 4 case, it's calling the stop player.set playlist, which 5 is what the remote.TS is refining. 2:35PM</p> <p>6 THE REPORTER: WMTS, is that what you 7 said?</p> <p>8 THE WITNESS: No, I believe I was saying 9 remote.TS.</p> <p>10 BY MR. BOYEA: 2:35PM</p> <p>11 Q So actually, can we turn back to the 12 remote.TS file and now that we know what is in 13 playback, perhaps maybe this will be what I'm 14 looking for.</p> <p>15 So if you go to 319, the PDF ending in 319 2:36PM 16 now.</p> <p>17 A Okay.</p> <p>18 MR. BOYEA: For the record, this is 19 SC-GOOG-SONOSNDCA-00339. We're back in the 20 remote.TS source file. 2:36PM</p> <p>21 Q Do you see at Line 1559 a request playback 22 function?</p> <p>23 A Yes, I do.</p> <p>24 Q Would this function be called to generate 25 the get player request? 2:37PM</p>
<p style="text-align: right;">Page 150</p> <p>1 A This would be a good place to start with. 2:33PM 2 Q Okay. So why don't you read that case 3 statement and try to explain to me if this tells you 4 any information about where the video ID might be 5 stored that gets put into that get player request. 2:33PM</p> <p>6 A So Line 942 is where the playback params 7 video ID field is being assigned and that is being 8 read from params.video ID. So that's a parameter of 9 the set playlist message.</p> <p>10 Q Okay. Is it your understanding then that 2:33PM 11 this playback params -- it would be, I guess, 12 playback params.video ID now, that is the video ID 13 that gets put into the get player request. Is that 14 your understanding?</p> <p>15 A My understanding is that this video ID value 2:34PM 16 is what's used in subsequent API calls that eventually 17 results in the get play request.</p> <p>18 Q Would those subsequent API calls be 19 calling in or passing in the params data object?</p> <p>20 A Do you have a specific by method call 2:34PM 21 because there could be many subsequent calls.</p> <p>22 Q Yes, I was just piggybacking off your 23 answer.</p> <p>24 Because you said it was your understanding 25 that this video ID value is what's used in 2:35PM</p>	<p style="text-align: right;">Page 152</p> <p>1 A This method alone does not actually make 2:37PM 2 that request like inside this method.</p> <p>3 Q Would this be one of the calls that 4 happens to ultimately get to the get player request?</p> <p>5 A This is a call that I can think of that 2:37PM 6 starts a chain of other calls that eventually get to 7 get player.</p> <p>8 Q So we see this .make watch endpoint at 9 Line 1562.</p> <p>10 Do you see that? 2:38PM</p> <p>11 A Yes.</p> <p>12 Q What is -- do you have an understanding of 13 what a make watch endpoint, what that function does?</p> <p>14 A Yes, it creates this thing called a watch 15 endpoint, which is a term that -- that's referred to 2:38PM 16 in code.</p> <p>17 Q What is --</p> <p>18 A It's just a data structure.</p> <p>19 Q Is the watch endpoint eventually going to 20 be the video that the cast receiver is to play? 2:38PM</p> <p>21 MR. KAPLAN: Object to form.</p> <p>22 THE WITNESS: Can you clarify? Because 23 this is just date variable.</p> <p>24 BY MR. BOYEA:</p> <p>25 Q Does the watch endpoint then represent the 2:38PM</p>

<p>1 order can differ depending on the client's context. 2:46PM 2 BY MR. BOYEA: 3 Q In the latter circumstance, what are some 4 of the circumstances which would result in a watch 5 next request being made before playback begins? 2:47PM 6 A One scenario is when set playlist message 7 only contains a playlist ID and no video ID. 8 Q What would be the circumstance where the 9 cast receiver only receives a playlist ID in the set 10 playlist message as opposed to a video ID? 2:47PM 11 A I believe one scenario is after the sender 12 has already connected to a receiver, a user selects a 13 playlist to cast. 14 I believe there's scenarios where just 15 the playlist ID is sent over set playlist. 2:48PM 16 Q Let's follow that one, then. 17 So you're saying that the sender is not 18 currently playing back the playlist before the 19 connection is made; is that right? 20 A Yes. 2:48PM 21 Q Let's work through that. The cast player 22 receives a playlist ID and then what does it do with 23 that playlist ID vis-à-vis the watch next request? 24 A Yeah, it makes a get watch next request with 25 that playlist ID so that it can -- in the response 2:48PM</p>	<p>1 where the playlist ID is contained in the set 2:50PM 2 playlist from the cast -- or from the MDx session 3 server to the cast receiver without a video ID 4 originally. So let's talk about that specific use 5 case. 2:51PM 6 And the cast receiver sends the playlist 7 ID to the get player; correct? Or excuse me, to the 8 watch next session server; correct? 9 A The get watch next server, yes. 10 Q Let's focus on this specific use case. 2:51PM 11 Will the watch next response include 12 multiple video ID fields that are populated? 13 A Again, the watch next response proto is 14 huge, so I don't know all of the fields that exist. 15 There could be lots of fields containing various 2:51PM 16 information. 17 Q That wasn't my question. 18 My question is: Will it include multiple 19 video ID fields that are populated? 20 A It really depends on -- can depend on a per 2:52PM 21 request basis. 22 But so -- 23 Q What does it depend on? 24 A Again, the watch next response is a 25 massive -- it's a huge YouTube service that services 2:52PM Page 158 Page 160</p>
<p>1 it's expected to get information in the response where 2:49PM 2 a video ID would actually be present for the receiver 3 to use for playback. 4 Q Can you give me the contents of the 5 response to that watch next request in this 2:49PM 6 circumstance? Would it contain anything other than 7 the video ID that you referenced? 8 MR. KAPLAN: Object to form. 9 THE WITNESS: I'm sorry, can you clarify 10 the last part? 2:49PM 11 BY MR. BOYEA: 12 Q Yes. What would be in the watch next 13 response in this circumstance? 14 A The watch next response is -- it's large. 15 So I can only say for the whole case what some of the 2:49PM 16 information that's relevant to what we're talking 17 about may contain. 18 Q Let me ask you this: I understand that 19 the watch next response has a lot of information. 20 Does it include more than one video ID? 2:50PM 21 A More than one video ID field? 22 Q Sure. 23 A Again, can you refine the use case 24 specifically? Again, because watch next is huge. 25 Q So the use case is the one that you raised 2:50PM</p>	<p>1 different functionality. So I don't know what is 2:52PM 2 triggered on a per request basis, like whether certain 3 experiments are enabled or what specific client is 4 being used at the time and so forth. 5 Q I'm asking in the general context in the 2:53PM 6 general example that we started with here where the 7 watch next is getting called with a playlist ID, I 8 want to know if there are more than one video ID 9 fields that are populated in the watch next 10 response. 2:53PM 11 You are Google's 30(b)(6) witness on this 12 topic and so I need you to give me the answer that 13 is going to be Google's answer in this case. 14 MR. KAPLAN: Object to form, calls for a 15 legal conclusion. 2:53PM 16 THE WITNESS: I cannot provide a 17 definitive answer. There is a lot of variables in 18 play when certain fields get filled. 19 In that particular use case that I was 20 referring to where a playlist ID is provided, what I 2:54PM 21 was getting to is that there will be a field within 22 watch next response that contains the video ID 23 for -- as a current -- sort of like, hey, here's the 24 current video endpoint to load. 25 There could be different fields with 2:54PM</p>

1 different names carrying similar information.	2:54PM	1 the current video.	2:58PM
2 BY MR. BOYEA:		2 Q And let's go down the path then of what	
3 Q What do you mean by there could be		3 are the cases where that would actually be returned?	
4 different fields with different names carrying		4 A I believe one case would be -- actually,	
5 similar information? 2:54PM		5 what would help is if you can point to the exact -- is 2:58PM	
6 A Meaning like the same -- again, due to the		6 there an exact watch next response field that you're	
7 vast size of the watch next response proto, there		7 referring to?	
8 could be many fields that are containing more or less		8 Q No, I don't have a watch next response	
9 the same information but just named differently.		9 field that I have in front of me. I'm seeing a	
10 Q In this specific example we're talking 2:55PM		10 field called "next endpoint." Does that sound 2:59PM	
11 about, you're saying the watch next response is		11 familiar to you.	
12 going to contain the video ID for a current video		12 A It would be helpful to know if it's	
13 and that there could be other fields that also		13 necessary under some other higher level field. Again,	
14 contain that same current video. Is that what		14 there is a lot of fields in there.	
15 you're saying? 2:55PM		15 Q So without seeing the source code, you 2:59PM	
16 A Yes, there is a -- from just recollection, I		16 can't provide me an answer with any sort of	
17 think there is a field similar to like current video		17 confidence?	
18 watch endpoint, something like that, that will contain		18 MR. KAPLAN: Object to form.	
19 video ID.		19 THE WITNESS: Without any more specific	
20 And then I'm saying there could be other 2:55PM		20 clarification on what you're asking about, it's hard 2:59PM	
21 fields -- again, from experience I know there's		21 for me to answer.	
22 sometimes duplicated variables throughout the same		22 BY MR. BOYEA:	
23 proto.		23 Q I'm asking whether or not the watch next	
24 Q In the same context where the client was		24 response in the particular use case that we're	
25 not playing back originally, what is the current 2:56PM		25 referring to will contain a next endpoint? 2:59PM	
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1 video that you're referring to? 2:56PM		1 A Yes, again, that name is -- the name is 3:00PM	
2 A Is this within the watch next response		2 important just because it could be very different	
3 context?		3 depending on exactly which field it is that is	
4 Q Yes. I'm trying to understand -- in your		4 actually being talked about. I don't want to mistaken	
5 previous answer you said the current video. So in 2:56PM		5 one for another. 3:00PM	
6 the context here, what is the current video going to		6 Q What source file would you need to look	
7 be?		7 at?	
8 A I see. So pulling from memory, the -- in		8 A A watch next response proto would be one.	
9 the case where there is no video ID, a watch next		9 Q Would that be cast receiver side code or	
10 request is made with the playlist ID specifically so 2:57PM		10 would it be watch next server side code? 3:01PM	
11 that the client can get a video ID.		11 A Actually, I would be -- I would request a	
12 And then in the response of watch next,		12 clarification of your answers whether -- would it	
13 there contains a variable or a field, something like		13 ultimately be something that the receiver client, you	
14 a current watch endpoint. So that's what I was		14 know, processes?	
15 referring to, that specific -- that name within the 2:57PM		15 Q Sorry, I don't follow what you're now 3:01PM	
16 watch next response.		16 answering.	
17 Q Now, the watch next response could also		17 A I guess watch next response may contain lots	
18 contain a next endpoint; correct?		18 of data. But it doesn't mean that the client actually	
19 A It may contain some field that sounds like		19 does anything with the data.	
20 that. 2:57PM		20 Q And the client here again, you're 3:01PM	
21 Q And would that contain a different video		21 referring to the receiver, the cast receiver; right?	
22 ID than in the current endpoint field?		22 A Right.	
23 A For -- again, I think that field may exist		23 Q So are there any circumstances that you	
24 depending on a context and client again. But in the		24 can think of where the cast receiver receives a	
25 cases where that's returned, it may be different than 2:58PM		25 watch next response that contains multiple video IDs 3:02PM	
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<p>1 number 6? 3:18PM</p> <p>2 A I believe the -- again, for clients that</p> <p>3 have the -- sorry, the watch next response is</p> <p>4 dependent on kind of capabilities defined by the</p> <p>5 client. 3:18PM</p> <p>6 So certain fields will only get filled if</p> <p>7 it's actually defined.</p> <p>8 So what specific next endpoint are you</p> <p>9 referring to again?</p> <p>10 Q Yes. So that's what I'm trying to get to 3:18PM</p> <p>11 is the next endpoint is not necessarily going to be</p> <p>12 an autoplay video; right?</p> <p>13 A Correct, and in fact, the autoplay may not</p> <p>14 even be -- it's -- it may not even be the next -- it</p> <p>15 may not be labeled as the next video, they may just be 3:19PM</p> <p>16 also named like MDx autoplay.</p> <p>17 Q Right, and that's what I'm trying to get</p> <p>18 at.</p> <p>19 So there are circumstances where the cast</p> <p>20 receiver will receive in the watch next response a 3:19PM</p> <p>21 video ID of a next video, but that doesn't have to</p> <p>22 be the autoplay video; correct?</p> <p>23 A Yeah, there are cases where the next one</p> <p>24 doesn't have to be associated with the autoplay.</p> <p>25 Q Let's continue with that example. 3:20PM</p>	<p>1 playing the current song or video? 3:22PM</p> <p>2 A As far as I know, it makes the call when it</p> <p>3 finishes the current playback.</p> <p>4 THE REPORTER: Is this a good time for a</p> <p>5 break? 3:22PM</p> <p>6 MR. KAPLAN: Before we take a break, could</p> <p>7 we mark the transcript as highly confidential source</p> <p>8 code, please?</p> <p>9 THE REPORTER: Sure.</p> <p>10 MR. BOYEA: Let's go ahead and go off the 3:23PM</p> <p>11 record.</p> <p>12 THE VIDEOGRAPHER: Off the record at</p> <p>13 3:23 p.m.</p> <p>14 (Recess taken.)</p> <p>15 VIDEOGRAPHER: We're back on the record. 3:34PM</p> <p>16 The time is 3:34 p.m. Pacific time.</p> <p>17 MR. BOYEA: We're going to introduce</p> <p>18 another exhibit here. This is some additional</p> <p>19 screenshots, Mr. Mo, that I want you to take a look</p> <p>20 at. 3:34PM</p> <p>21 And I'm going to just walk through them</p> <p>22 with you and see if you can explain some things to</p> <p>23 me. This is going to be marked as Mo Exhibit 8.</p> <p>24 (Exhibit 8 was marked for identification.)</p> <p>25 MR. BOYEA: It should be coming through</p>
<p>Page 174</p> <p>1 Will the cast receiver store the video ID 3:20PM</p> <p>2 of the next video somewhere in memory?</p> <p>3 A In the case where the watch next response</p> <p>4 contains that, yes, because I would imagine the watch</p> <p>5 next response is -- the model is stored in memory. 3:20PM</p> <p>6 Q After the receiver finishes playing the</p> <p>7 current video, will the receiver then use that next</p> <p>8 video that's stored in memory to make the get player</p> <p>9 request?</p> <p>10 A In the case where the watch next response 3:20PM</p> <p>11 contains let's say an autoplay set renderer for the</p> <p>12 next -- something called next -- I forgot the exact</p> <p>13 name, next video or something rather, it will -- when</p> <p>14 the current song ends, it will look up that data model</p> <p>15 and then it will extract the appropriate endpoint for 3:21PM</p> <p>16 the next video to play.</p> <p>17 Q Will that involve a get player request to</p> <p>18 the player service that we were talking about</p> <p>19 before?</p> <p>20 A Yeah, once it obtains a video ID from that 3:21PM</p> <p>21 model, it will generally go through the same flow for</p> <p>22 playback, which is making the get player request and</p> <p>23 then possibly the -- likely another get watch next.</p> <p>24 Q Will the cast receiver make the get player</p> <p>25 request before or after the cast receiver finishes 3:22PM</p>	<p>Page 176</p> <p>1 now. 3:35PM</p> <p>2 THE WITNESS: I have it loaded.</p> <p>3 BY MR. BOYEA:</p> <p>4 Q Okay. All right. Mr. Mo, these are some</p> <p>5 screenshots that I took this past weekend and this 3:35PM</p> <p>6 was done on an iPhone and there is a cast session</p> <p>7 that's established.</p> <p>8 In Screenshot 1 we see that there is a</p> <p>9 first video being played with the title that has</p> <p>10 "Max Homa," H-O-M-A in it. 3:35PM</p> <p>11 Do you see that?</p> <p>12 A Yes, I do.</p> <p>13 Q In this circumstance, the speaker -- the</p> <p>14 receiver named Speaker A is currently playing the</p> <p>15 Max Homa video. 3:35PM</p> <p>16 And so would it be the case that the cast</p> <p>17 receiver would have a video ID stored corresponding</p> <p>18 to that video that's being played?</p> <p>19 MR. KAPLAN: Objection, authenticity.</p> <p>20 THE WITNESS: Sorry, can you walk me 3:36PM</p> <p>21 through like the scenario of which you've got here?</p> <p>22 BY MR. BOYEA:</p> <p>23 Q Yes. So Screenshot Number 1, it was local</p> <p>24 playback on the iPhone and then it was a cast</p> <p>25 directed to a Hub display. So the Hub display is 3:36PM</p>

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